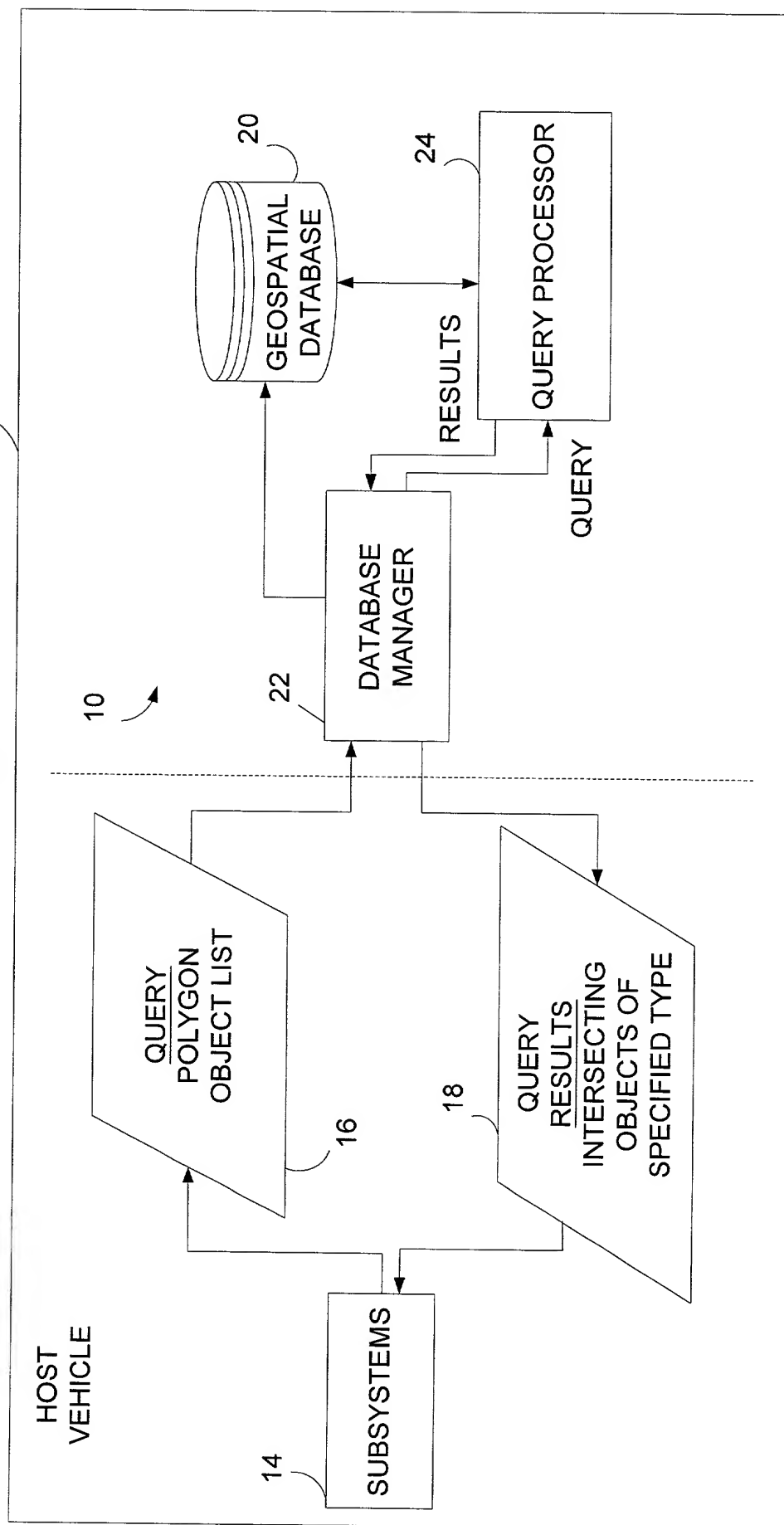


FIG. 1



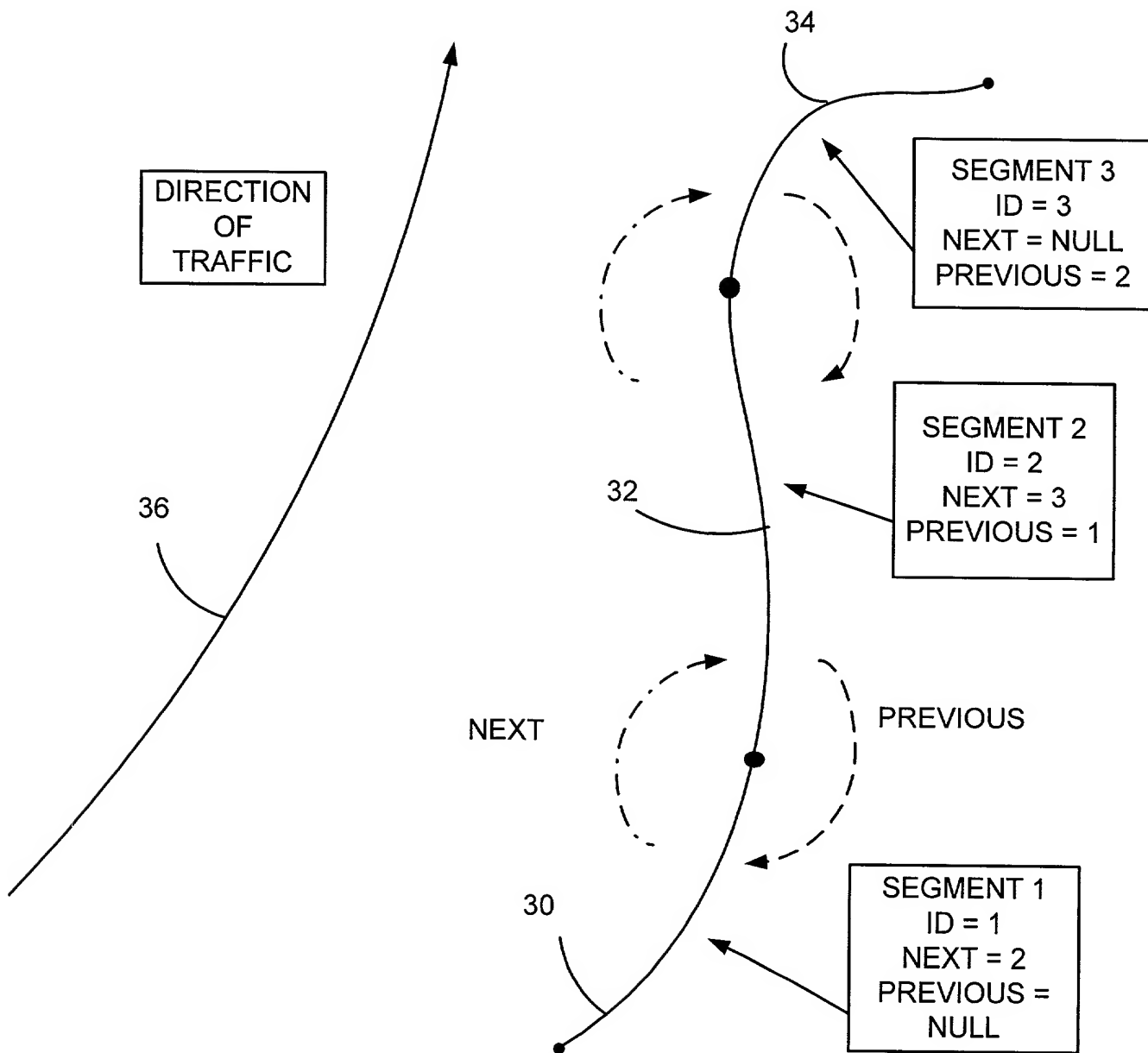


FIG. 2

FIG. 3

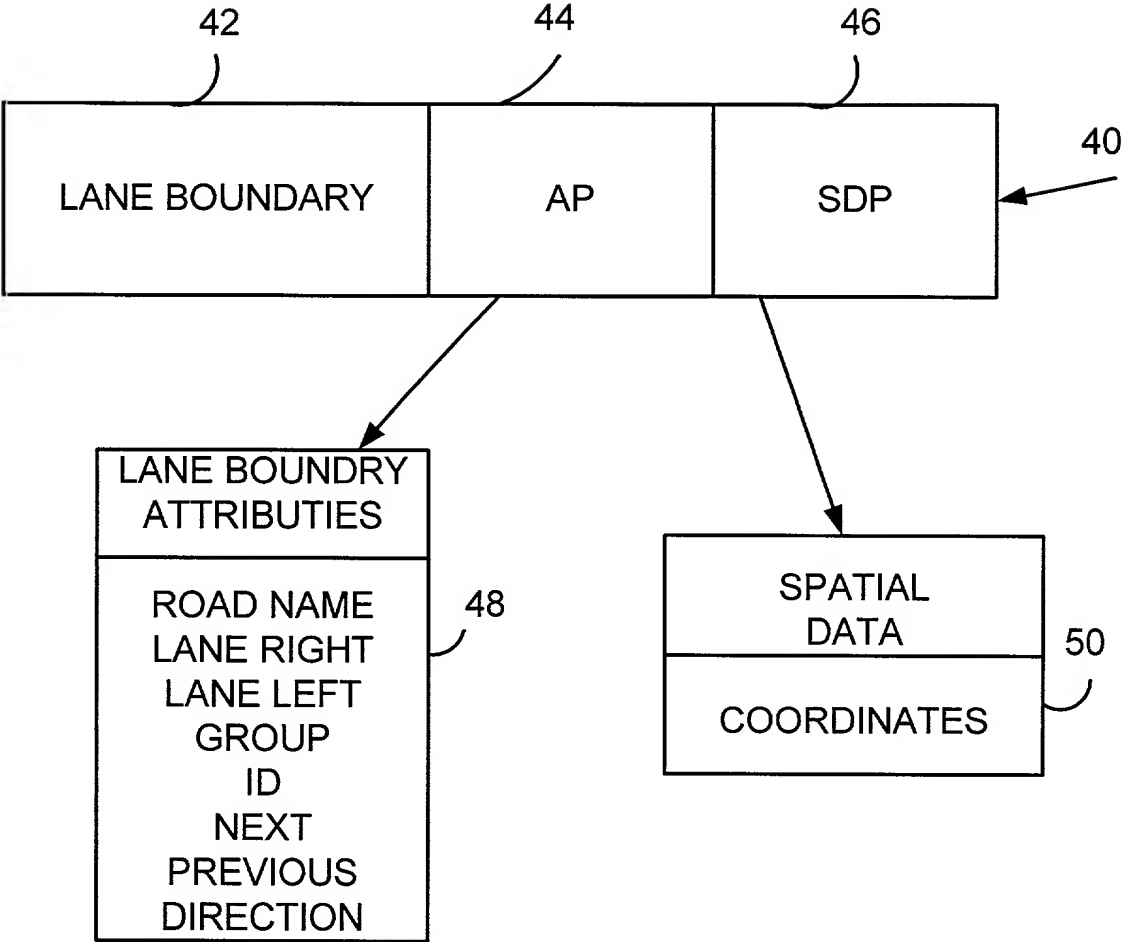
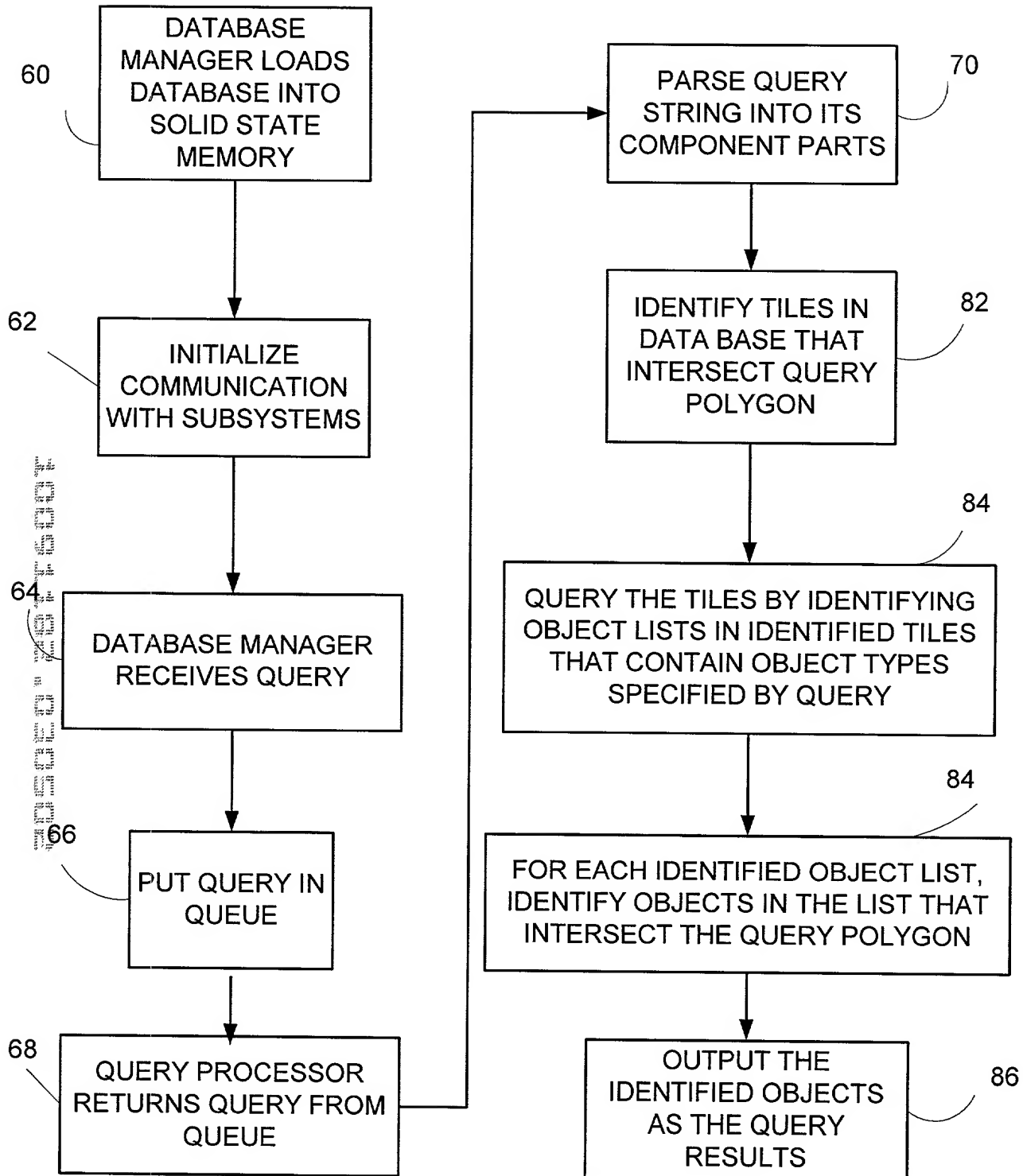


FIG. 4



Step 1 - Define a Query

Query Polygon
Query String = "LaneBoundary(get all)"

Step 2 - Determine which tiles to search

Tiles intersected by
the query polygon

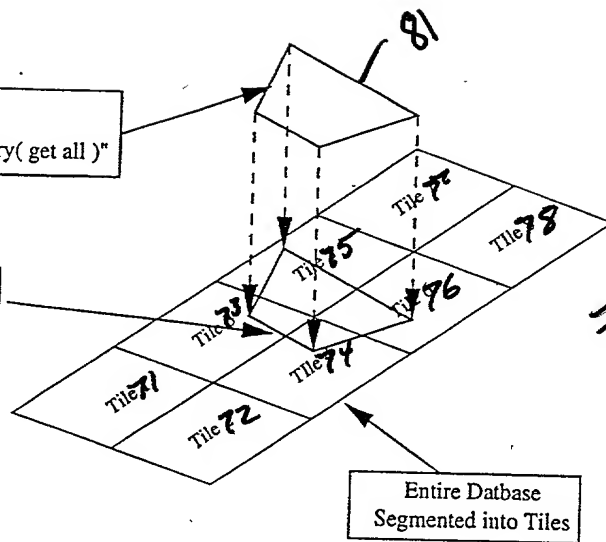


fig 5

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TILE LIST

TILE 71

TILE 72

TILE 73

TILE 74

TILE 75

TILE 76

TILE 77

TILE 78

LIST OF DATA-TYPES IN TILE 71

LIST OF DATA-TYPES IN TILE 72

LANECENTER LIST

LANEBOUNDARY LIST

ROADSHOULDER LIST

LANECENTER LIST

LANEBOUNDARY LIST

ROADSHOULDER LIST

LANECENTER LIST

LANEBOUNDARY LIST

ROADSHOULDER LIST

LANECENTER LIST

LANEBOUNDARY LIST

ROADSHOULDER LIST

LIST OF DATA-TYPES IN TILE 77

LIST OF DATA-TYPES IN TILE 78